

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Cooperating With:  
NDSU EXTENSION SERVICE,  
FARM SERVICE AGENCY,  
ND AG WEATHER NETWORK (NDAWN)  
and  
UND AEROSPACE REGIONAL WEATHER  
INFORMATION CENTER

Released: August 20, 2007  
For Week Ending: August 19, 2007  
ND-CW3407

**General:** Producers were concerned about small grains not drying in the field due to cool temperatures and damp field conditions, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Small grain harvest was slowed by precipitation throughout the week, but the moisture was beneficial to all other crops. There were reports of scattered hail damage and two tornados in the northeastern district. Variable amounts of precipitation fell across the state, particularly across the southern districts. Topsoil moisture supplies were rated 63 percent adequate to surplus. This compares with last year and the five-year (2002-2006) average of 30 and 50 percent adequate to surplus, respectively. Subsoil moisture supplies were rated 64 percent adequate to surplus, up from 61 percent adequate to surplus the previous week. Statewide, on average, there were 4.7 days suitable for fieldwork.

**Crops:** The small grain harvest made good progress last week despite damp harvest conditions. Spring wheat harvest was 65 percent complete, compared with 77 percent last year and a week ahead of the average pace. Durum wheat was 44 percent harvested, compared with 51 percent last year and 27 percent on average. Barley and oats were 87 and 69 percent harvested, respectively. Durum wheat crop condition was rated 74 percent good to excellent, compared with 19 percent good to excellent last year.

Good developmental progress continued for all other crops due to the seasonal precipitation. Corn progress in the dough stage was 73 percent complete, almost a week ahead of the average pace, while corn dented was 16 percent complete by week's end. Soybeans had 72 percent of their acreage in the fully podded stage and 7 percent in the lower leaves yellowing stage, compared with 62 and 9 percent on average, respectively. Canola harvested, at 39 percent complete, was ahead of both last year and average. Dry edible beans were 53 percent fully podded and 21 percent with lower leaves yellowing, both advanced 13 percentage points from the previous week. The dry edible pea harvest was virtually complete at 97 percent. The sunflower crop had 29 percent of their acreage in the ray flowers dried/dropped and beyond stage. This moved ahead of the average pace of 25 percent complete. Precipitation received this past week continued to help replenish stressed crops which remained rated mostly good.

**Livestock:** Haying progress decelerated during the week due to the precipitation. Other hay baling was 94 percent complete while the second cutting of alfalfa was 91 percent complete. Hay condition was rated 1 percent very poor, 5 poor, 20 fair, 62 good and 12 excellent. Pasture and range conditions were rated 3 percent very poor, 11 poor, 33 fair, 47 good and 6 excellent, compared with the average of 18 percent very poor, 25 poor, 30 fair, 25 good and 2 excellent. Stockwater supplies were at 85 percent adequate to surplus, well above last year's 38 percent.

## Crop and Pasture Condition North Dakota, Week Ending August 19, 2007

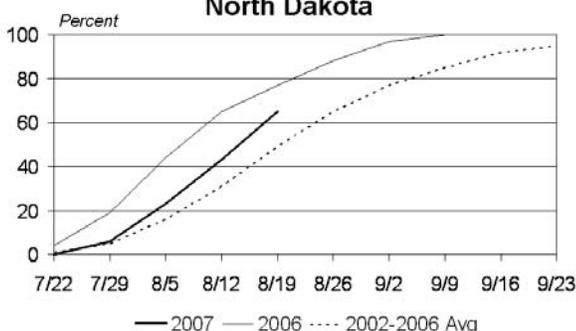
Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Durum Wheat	0	3	23	60	14
Corn	3	5	16	59	17
Dry Edible Beans	2	6	26	51	15
Flaxseed	1	3	22	67	7
Potatoes	3	8	24	49	16
Soybeans	4	5	16	55	20
Sugarbeets	1	5	17	59	18
Sunflower	0	3	18	61	18
Hay	1	5	20	62	12
Pasture and Range	3	11	33	47	6

## Crop Development Progress North Dakota, Week Ending August 19, 2007 <sup>1/2/</sup>

Crop	Week Ending			2002-2006 Avg
	Aug 19, 2007	Aug 12, 2007	Aug 19, 2006	
	Percent	Percent	Percent	Percent
BARLEY				
Harvested	87	70	86	62
DURUM WHEAT				
Milk	99	92	100	97
Turning	95	81	97	83
Harvested	44	25	51	27
SPRING WHEAT				
Harvested	65	43	77	49
OATS				
Harvested	69	52	87	60
CANOLA				
Turning	97	90	97	92
Swathed	87	72	83	71
Harvested	39	17	35	23
CORN				
Dough	73	60	76	59
Dented	16	4	31	12
Mature	0	NA	4	1
CORN FOR SILAGE				
Chopped	2	NA	12	4
DRY EDIBLE BEANS				
Setting Pods	97	92	100	94
Fully Podded	53	40	89	58
Lower Leaves Yellowing	21	8	62	27
Dropping Leaves	3	NA	25	8
DRY EDIBLE PEAS				
Harvested	97	89	96	NA
FLAXSEED				
Turning	87	74	94	85
Harvested	8	4	15	10
POTATOES				
Vines Killed	3	2	29	18
Dug	0	NA	1	0
SOYBEANS				
Fully Podded	72	39	86	62
Lower Leaves Yellowing	7	1	22	9
Dropping Leaves	0	NA	3	1
SUNFLOWERS				
Blooming	97	88	99	93
Ray Flowers Dried/Dropped	29	6	60	25
Bracts Turned Yellow	3	NA	10	3

1/ Crop development percents represent all acreage in or beyond each stage.  
2/ Progress is based on current intended acreage. NA = Not Available

### Spring Wheat: Harvested North Dakota



### Crops Harvested: Percent Completed, by District North Dakota, Week Ending August 19, 2007

Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
	--- Percent ---								
Barley	90	83	83	88	91	99	93	NA	100
Durum Wheat	33	16	23	73	76	NA	80	NA	NA
Spring Wheat	44	52	55	71	72	84	90	NA	86
Oats	65	48	46	91	43	89	90	NA	94
Canola	48	21	28	87	35	NA	92	NA	NA
Flaxseed	7	3	NA	23	9	4	22	NA	NA
Dry Edible Peas	99	94	83	99	88	99	100	NA	100

NA = Not Available.

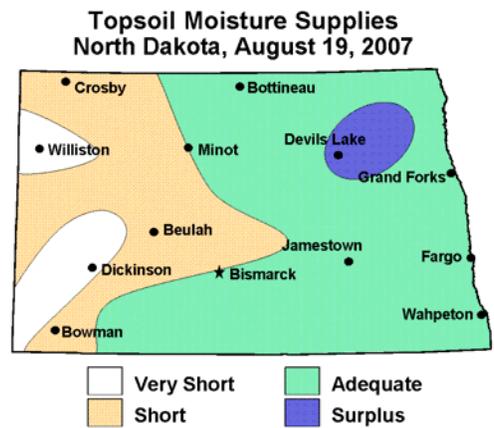
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**Soil Moisture Supplies  
 North Dakota, Week Ending August 19, 2007**

Date	Week Ending			2002-2006 Avg
	Aug 19, 2007	Aug 12, 2007	Aug 19, 2006	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	9	9	35	19
Short	28	33	35	31
Adequate	58	54	29	47
Surplus	5	4	1	3
<b>Subsoil</b>				
Very Short	5	6	39	20
Short	31	33	37	30
Adequate	60	59	23	47
Surplus	4	2	1	3



**Weather:** This week was cool and below normal in the temperature department for most of the state. Monday started off with stronger storms moving out of the state with precipitation mainly in the northeastern part of the state. The highs were in the 70s in the eastern half where storms occurred and in the 90s in the western half of the state. With Monday's storms numerous hail and wind reports occurred in the northeastern part of the state with two tornadoes touching down in Nelson and Walsh Counties. On Tuesday, highs cooled down into the 70s to 80s as some showers moved through the central areas of the state. Wednesday and Thursday stayed dry as highs continued to stay in the 70s to 80s. Friday highs cooled down even more into the 60s to 70s as showers occurred in the southwest and south central regions of the state. Saturday highs warmed into the upper 60s to lower 80s as showers continued to move through the southern regions of the state. Sunday showers occurred throughout the southern regions of the state again as highs went back into the 60s to 70s.

**Outlook, August 20-26:** This week expect to see near normal temperatures with most of the week being dry. Monday will start the week off cool with highs in the 60s to 70s as showers move through the eastern half of the state. Tuesday will dry out as highs climb into the 70s to lower 80s. Wednesday will also be calm and dry as highs stay in the 70s to lower 80s. Thursday highs will be in the 70s as the state continues to stay calm and dry. Friday highs continue to stay in the 70s, but there is a chance of isolated showers in the southern half of the state. Saturday dries out again as highs stay in the 70s. Sunday continues to stay dry as highs climb into the 70s to 80s.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending August 19, 2007**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 <sup>1/</sup>		
	Past Week	Depart Normal <sup>2/</sup>	Past Week	Total	Depart Normal <sup>2/</sup>
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
Northwest(1)	66	0	0.00	10.04	-0.19
N. Central(2)	61	-4	0.32	13.72	2.51
Northeast(3)	60	-8	0.06	17.28	6.12
W. Central(4)	67	-2	0.10	9.90	-0.50
Central(5)	62	-6	0.09	14.38	3.37
E. Central(6)	63	-5	0.11	13.76	1.47
Southwest(7)	70	1	0.72	11.16	1.18
S. Central(8)	69	0	1.07	14.84	4.05
Southeast(9)	68	0	0.78	16.87	4.69

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending August 19, 2007**

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1 <sup>1/</sup>		
	High	Low	Past Week	Total	Depart Normal <sup>2/</sup>
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
(1) Bowbells	88	43	0.01	10.31	-0.33
Williston	90	50	0.00	9.06	0.45
Mohall	90	39	0.00	9.99	-0.70
Minot	90	43	0.00	10.82	-0.20
(2) Baker	78	47	0.23	16.92	6.00
Bottineau	88	36	0.00	11.12	-0.31
Rugby	78	44	0.72	13.12	1.83
(3) Cando	79	42	0.00	16.72	6.25
Cavalier	78	40	0.00	19.06	7.51
Forest River	79	43	0.20	16.75	5.66
Grand Forks	78	41	0.13	12.46	1.38
Langdon	75	41	0.00	15.29	3.59
St. Thomas	79	45	0.01	23.41	12.32
(4) Hazen	90	45	0.00	10.24	-0.36
Turtle Lake	83	48	0.23	11.88	0.93
Watford City	91	50	0.07	7.58	-2.06
(5) Carrington	77	44	0.09	14.82	2.33
Harvey	78	44	0.18	12.90	3.54
Jamestown	82	45	0.08	16.18	4.74
Robinson	81	46	0.11	12.11	1.29
Streeter	85	45	0.01	15.89	4.94
(6) Dazey	78	44	0.05	13.83	1.45
Fargo	84	47	0.25	14.29	2.28
Hillsboro	80	45	0.04	13.15	0.69
(7) Beach	90	47	0.46	10.19	0.75
Bowman	91	49	0.45	11.59	1.82
Dickinson	91	49	0.32	8.20	-2.25
Hettinger	93	51	1.63	14.65	4.40
(8) Mandan	85	51	0.27	16.31	5.19
Linton	90	51	1.88	13.37	2.91
(9) Edgeley	88	49	0.59	12.90	1.05
Oakes	89	51	0.78	19.66	8.15
Wyndmere	84	50	0.97	18.05	4.87

<sup>1/</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2/</sup> Normal is the 1971-2000 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

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